

Message Text

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PAGE 01 SAO PA 00651 061917Z

ACTION COME-00

INFO OCT-01 ARA-14 ISO-00 EB-08 DOE-11 SOE-02 OES-07

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R 061706Z MAR 78

FM AMCONSUL SAO PAULO

TO SECSTATE WASHDC 8337

INFO AMEMBASSY BRASILIA

AMCONSUL RIO DE JANEIRO

UNCLAS SAO PAULO 0651

PASS COMMERCE FOR MEPD

E.O.11652: N/A

TAGS: BENC, BR

SUBJECT: MAJOR PROJECT: ENERGY FROM URBAN WASTE

REF: STATE 033732

1. CESP HAS ALREADY CONTRACTED ENGINEERING STUDY TO A LOCAL FIRM, COMPANHIA INTERNACIONAL DE ENGENHARIA, RUA PIRES DA MOTA 838 - 5 ANDAR, 01529 SAO PAULO, SP, TELEPHONE (011) 278-7422. STUDY WILL CONSIDER FEASIBILITY OF THERMAL POWER PLANT USING STEAM PRODUCED BY BURNING WASTE. IT IS NOT KNOWN IF A PROPRIETARY PROCESS HAS BEEN CHOSEN; SYSTEM TO BE USED FOR BURNING WASTE HAS ONLY BEEN DESCRIBED AS "CONVENTIONAL". STUDY WILL BE READY IN ONE OR TWO MONTHS AND THEN PRESENTED TO CESP FOR FINAL DECISION.

2. CESP PLANNING STAFF BELIEVES PROJECT WILL VERY LIKELY BE IMPLEMENTED AND, PERHAPS, BIDS CALLED FOR AS EARLY AT THIS YEAR: MAIN IMPETUS FOR PROJECT IS FROM MUNICIPALITY OF SAO PAULO WHICH IS FACED WITH SERIOUS WASTE DISPOSAL PROBLEMS. CESP IS INTERESTED IN PROJECT ONLY ON BASIS OF BEING SUPPLIED WASTE PREPARED FOR COMBUSTION AND AT UNCLASSIFIED

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NO COST. MAIN. DECISION FOR CESP WILL BE WHETHER TO BUILD ONLY BOILERS ADD SELL STEAM TO THE PIRATININGA THERMAL PLANT OWNED BY LIGHT S. A.(A PRIVATELY OWNED UTILITY COMPANY), OR BUILD A COMPLETE THERMAL PLANT.

3. THE FIRST ALTERNATIVE, SELLING STEAM TO LIGHT S. A., IS ATTRACTIVE TO CESP PLANNERS BECAUSE OF THE SMALLER

INITIAL OUTLAY REQUIRED (ABOUT 20 PERCENT LESS) BUT THE SECOND ALTERNATIVE IS STILL BEING SERIOUSLY CONSIDERED. IF CESP OPTS FOR THE COMPLETE THERMAL STATION POWER, THERE WILL BE CONSIDERABLE OPPORTUNITIES FOR U.S. SUPPLIERS. MAJOR IMPORTED ITEMS WOULD BE: TWO STEAM TURBINES OF 45 MW EACH; PRESSURE TUBES FOR THE FOUR BOILERS (OPERATING PRESSURE WILL BE 40 KILOGRAMS PER SQUARE CENTIMETER AT 450 DEGREES CENTIGRADE); AND, CONTROL INSTRUMENTATION. SUB-STATION, GENERATORS, AND OTHER EQUIPMENT WILL BE SUPPLIED LOCALLY.

4. OFFICIAL ESTIMATES ARE NOT YET AVAILABLE FOR THE TOTAL COST OF THE SECOND ALTERNATIVE BUT IT COULD BE AS HIGH AS US\$150 MILLION. IN THE CASE OF EITHER ALTERNATIVE CESP WOULD BE SEEKING FOREIGN FINANCING FROM VARIOUS SOURCES INCLUDING INTERNATIONAL INSTITUTIONS, COMMERCIAL BANKS, AND SUPPLIERS.

5. AT THE PROJECT'S PRESENT STAGE, THE CONTACT IN CESP IS: DR. DAVID BEREZOVSKY, ASSESSORIA DE PLANEJAMENTO, CESP - COMPANHIA ENERGETICA DE SAO PAULO, AV. PAULISTA 2064, 2 ANDAR, 01310 SAO PAULO, SP; TELEPHONE (011) 285-3111/2333, EXTENSION 409. CONTACT WILL CHANGE AS PROJECT PROGRESSES. DEPARTMENT WILL BE KEPT INFORMED.

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